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# U.S. Army Influenza Activity Report

Week Ending 05 October 2013 (Week 40)

## 2013-2014 Seasonal Influenza Vaccination Coverage

Coverage begins on 15 Oct.

	DOD
	Army Active Duty
	Army Guard
	Army Reserve

**SYNOPSIS:** Influenza-like illness (ILI) activity is low in both Army and civilian populations.

- **ILI Activity:** Army incident ILI outpatient visits in week 40 were 51% lower than the same week last year.
- **Influenza cases:** Zero hospitalized influenza cases were reported to USAPHC in week 40, and zero hospitalized cases have been reported during this influenza season.
- **Acute Respiratory Disease at BCT sites:** ARD rates remain low; rates did not increase significantly at any sites during week 40.
- **Viral specimens:** During week 40, 26 of 392 (7%) laboratory specimens tested were positive for respiratory pathogens. RSV accounted for 35% of positive specimens. All 8 of the influenza positive specimens were from SRMC; ERM, NRM, PRM, and WRM did not submit any laboratory specimens that tested positive for respiratory pathogens.

## Geographic Spread

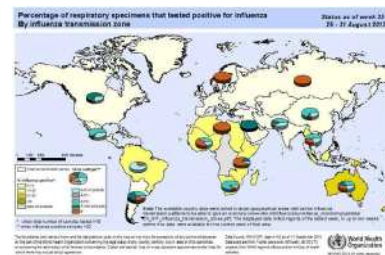


## United States

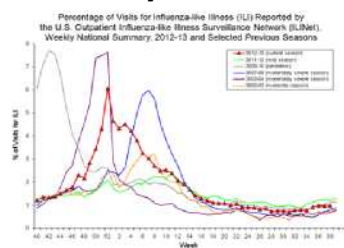
- Due to the partial government shutdown, CDC data is not currently up-to-date; this report therefore includes data from week 20. This information will be updated as soon as the CDC updates their sentinel site influenza report.

## Global

- As of 16 September, a total of 135 cases of influenza A(H7N9) virus infection were reported from Asia (44 fatal). Activity in the northern hemisphere temperate zones remained at inter-seasonal levels.

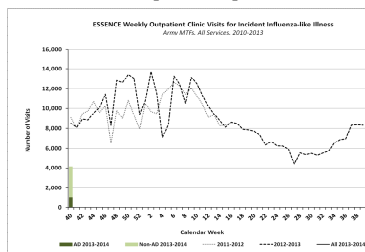


## ILI Activity United States



- Due to the partial government shutdown, CDC data is not currently up-to-date. This information will be updated as soon as the CDC updates their sentinel site influenza report.

## ILI Activity Army



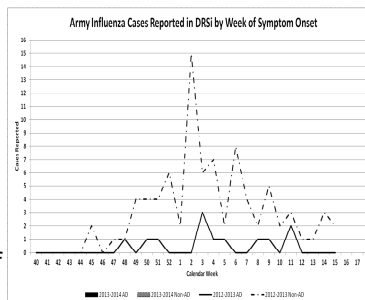
- During week 40, incident ILI activity was 51% lower than at the same time last year and 54% lower than during the 2011-2012 season.
- Active Duty (AD) Service Members (SMs) accounted for 24% of incident ILI clinic visits during week 40; in 2012-2013, AD SMs comprised 28% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2013-14					
Test Result	Week 40	Week 41	Week 42	Week 43	Season Total
Influenza A	8				8
Influenza B	1				1
Adenovirus	2				2
Enterovirus	0				0
Parainfluenza	6				6
RSV	9				9
Negative	365				365
Total Results	392	0	0	0	392

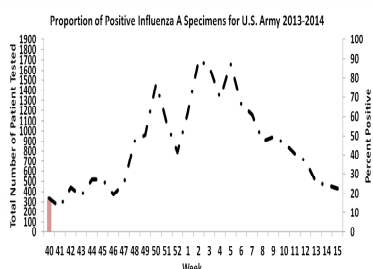
- 7% (26) of respiratory specimens were positive during week 40.
- RSV accounted for 35% of positive specimens. Influenza A accounted for 31% of positive specimens, parainfluenza for 23%, and adenovirus for 8%. Influenza B accounted for 3% of positive specimens.

## DRSi Influenza Case Reporting



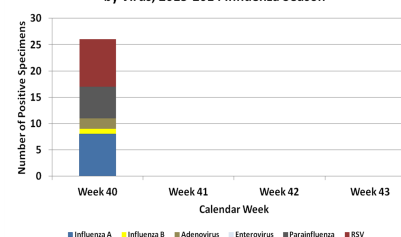
- In week 40, there were no reports of influenza-associated hospitalization.
- Zero hospitalized influenza cases have been reported since the beginning of this influenza season.
- At the same time last influenza season, zero hospitalized influenza cases were reported.

## Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 40 was 2%.
- All 8 of the positive influenza A specimens in week 40 were from non-AD personnel, and all 8 of these specimens were submitted from SRMC.
- ERM, NRM, PRM, and WRM did not submit any positive influenza A specimens in week 40.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2013-2014 Influenza Season



**Additional Resources:** [Army Influenza Reports](#); [ARD Reports](#); [AFHSC Influenza Reports](#); [NHRC FRI Reports](#); [DoD Global Influenza Surveillance Program](#); [DoD Pandemic Influenza Watchboard](#); [CDC](#); [WHO](#)  
**Key:** ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; NHRC- Naval Health Research Center; ADV- Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

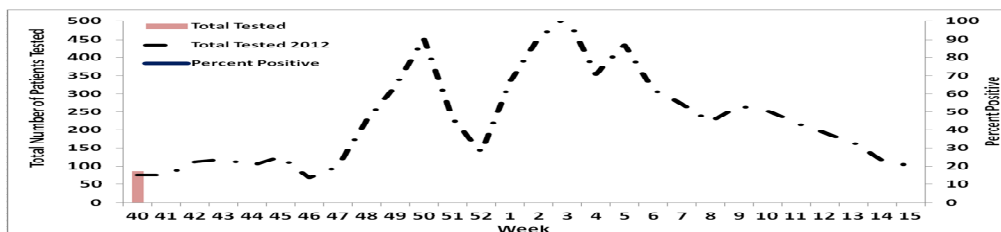
## Questions?

Email [USAPHC-DEP](mailto:USAPHC-DEP)  
410-417-3774

# U.S. Army Influenza Activity Report

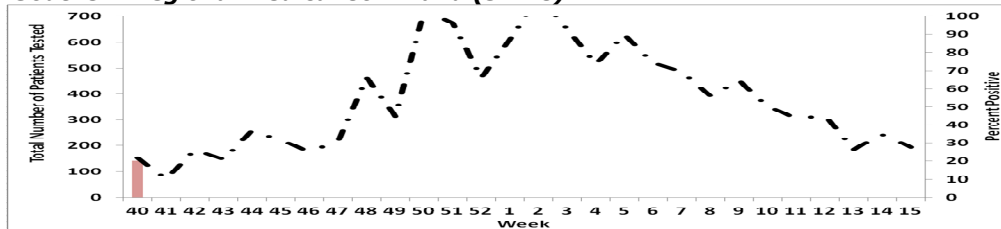
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2013-14 as Compared to 2012-2013

## Northern Regional Medical Command (NRMC)



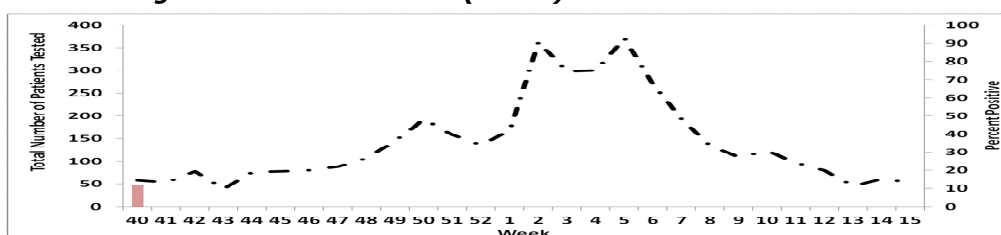
Week 40			
Age Group	A D	Non-A D Ben	Season Total
< 18	0	0	0
18 - 29	0	0	0
30 - 39	0	0	0
40 - 49	0	0	0
50 - 59	0	0	0
60 +	0	0	0
<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Southern Regional Medical Command (SRMC)



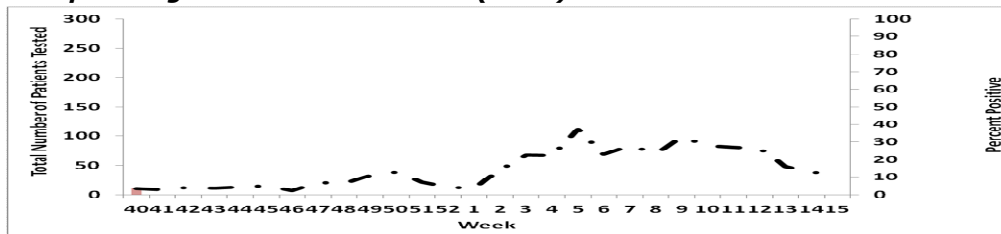
Week 40			
Age Group	A D	Non-A D Ben	Season Total
< 18	0	6	6
18 - 29	0	1	1
30 - 39	0	0	0
40 - 49	0	0	0
50 - 59	0	0	0
60 +	0	1	1
<b>0</b>	<b>0</b>	<b>8</b>	<b>8</b>

## Western Regional Medical Command (WRMC)



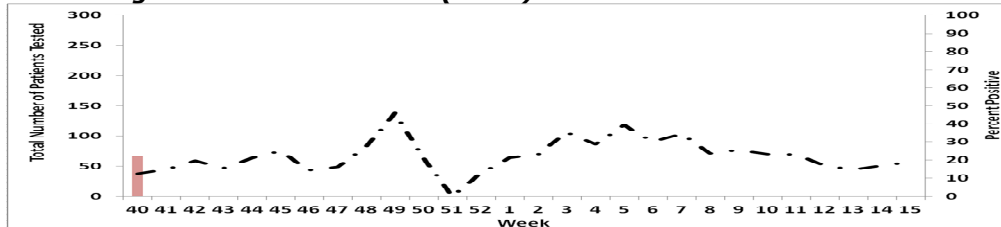
Week 40			
Age Group	A D	Non-A D Ben	Season Total
< 18	0	0	0
18 - 29	0	0	0
30 - 39	0	0	0
40 - 49	0	0	0
50 - 59	0	0	0
60 +	0	0	0
<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## European Regional Medical Command (ERMC)



Week 40			
Age Group	A D	Non-A D Ben	Season Total
< 18	0	0	0
18 - 29	0	0	0
30 - 39	0	0	0
40 - 49	0	0	0
50 - 59	0	0	0
60 +	0	0	0
<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Pacific Regional Medical Command (PRMC)



Week 40			
Age Group	A D	Non-A D Ben	Season Total
< 18	0	0	0
18 - 29	0	0	0
30 - 39	0	0	0
40 - 49	0	0	0
50 - 59	0	0	0
60 +	0	0	0
<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46		Week 47	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	0	0														
SRMC	0	8														
WRMC	0	0														
ERMC	0	0														
PRMC	0	0														
CENTCOM	0	0														

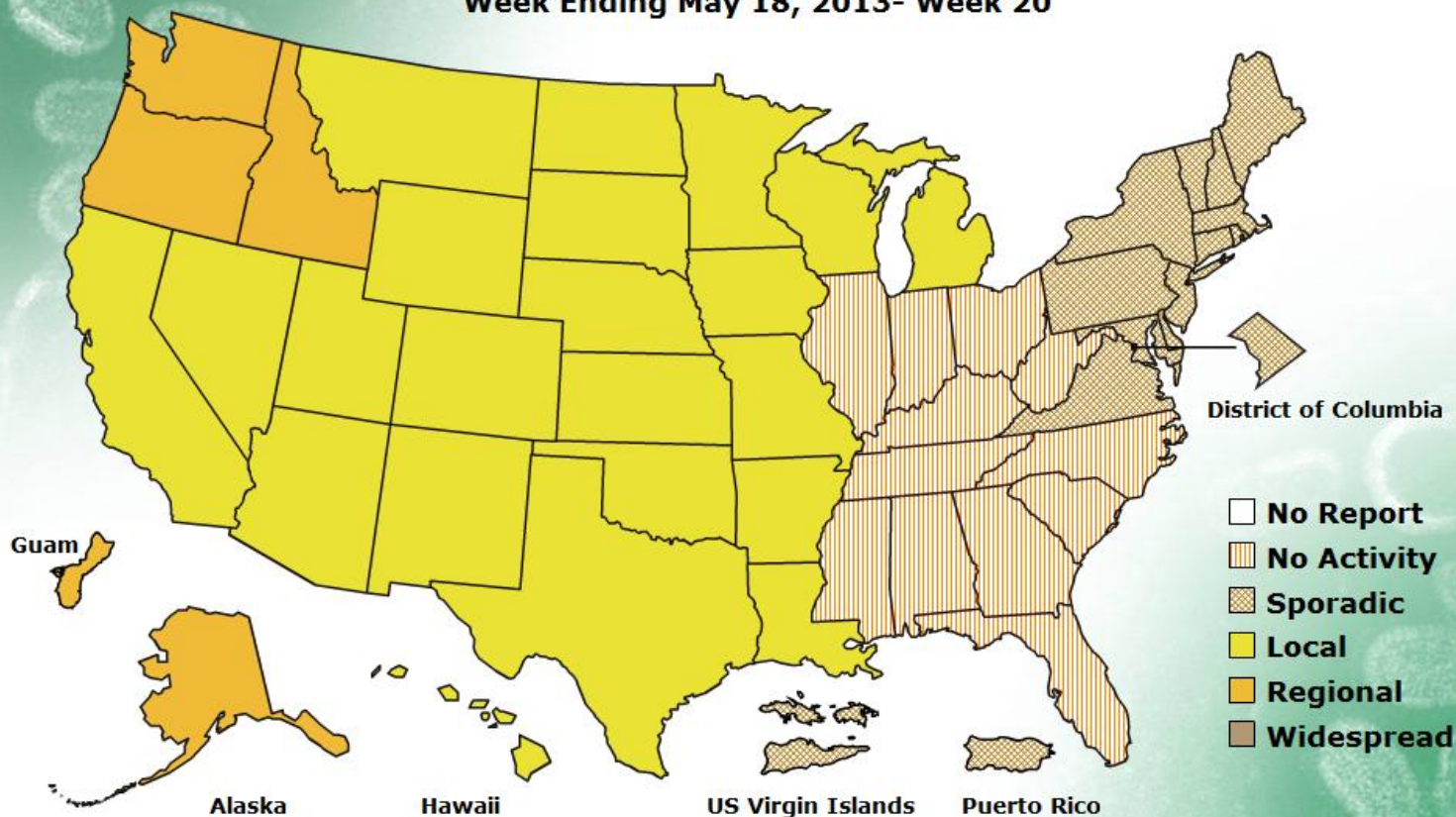
**Locations providing week 40 laboratory data as of 07 October 2013:** Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.

# FLUVIEW



**A Weekly Influenza Surveillance Report Prepared by the Influenza Division**  
**Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\***

**Week Ending May 18, 2013- Week 20**



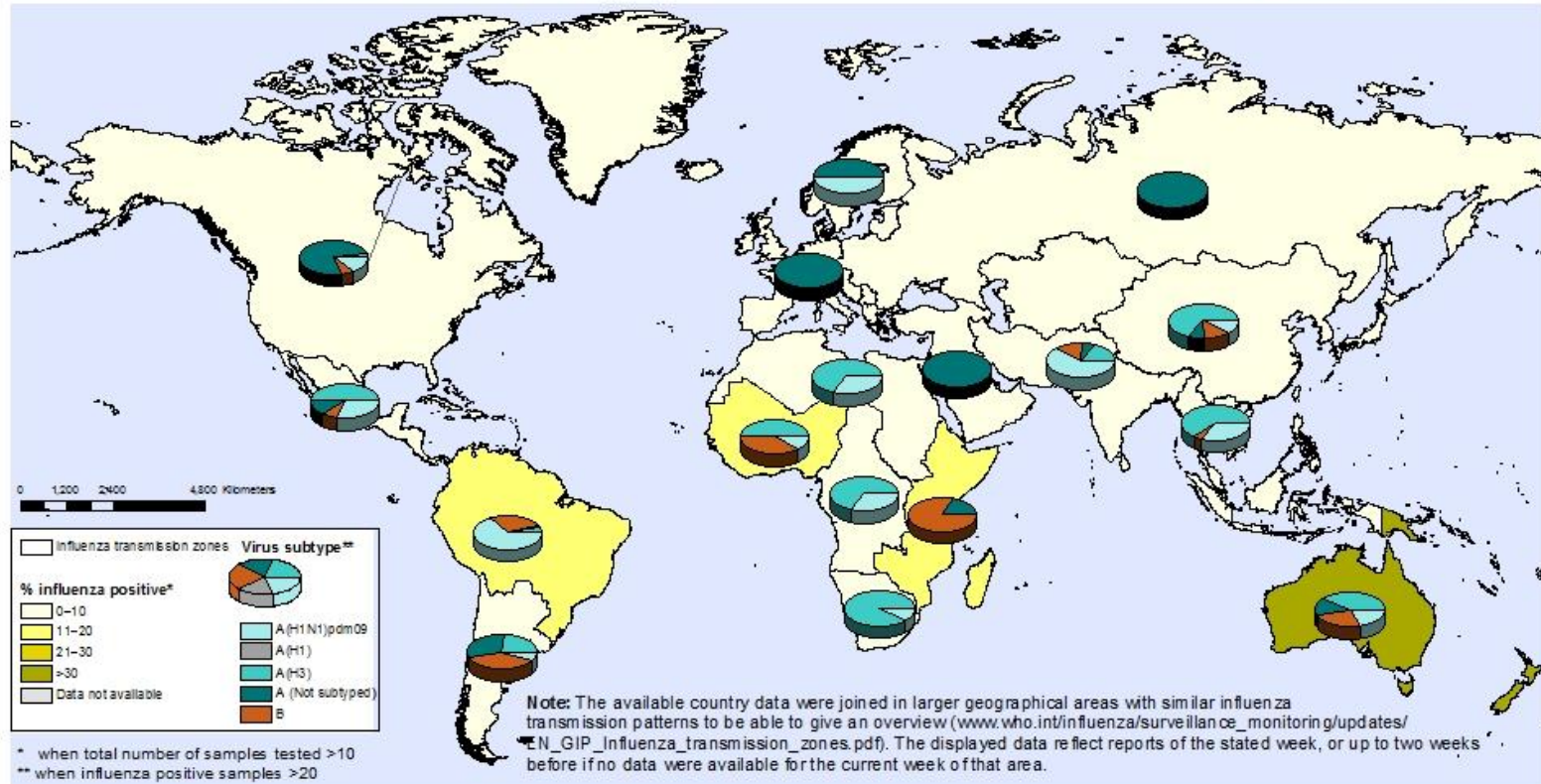
[«Previous Week](#)

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**\*This map indicates geographic spread and does not measure the severity of influenza activity.**

# Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of week 37  
8 - 14 September 2013



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

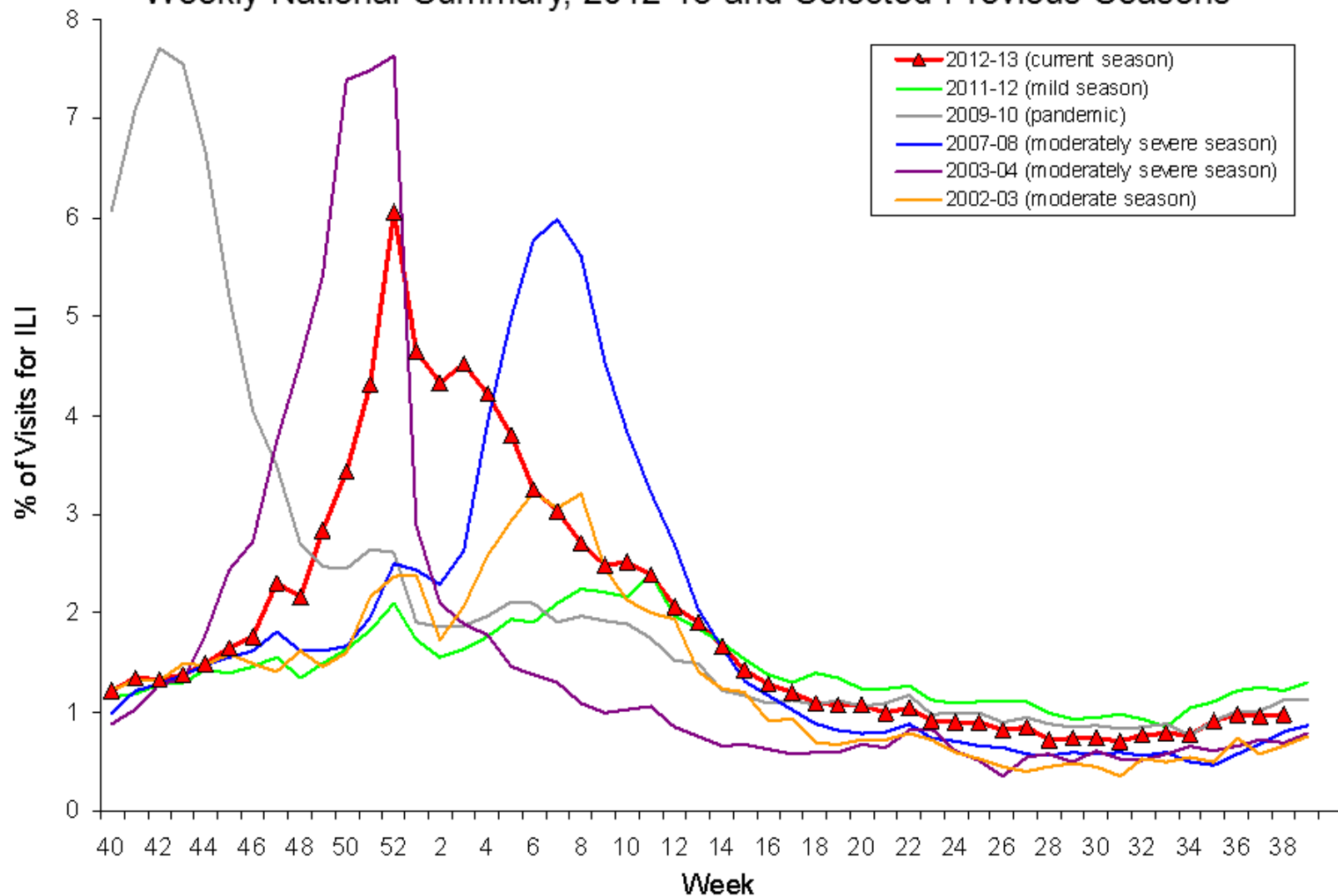
Data Source: WHO/GIP, data in HQ as of 25 September 2013.  
Data used are from FluNet ([www.who.int/flu-net](http://www.who.int/flu-net)), 17:30 UTC snapshot, from WHO regional offices and/or ministry of health websites.

 **World Health Organization**  
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[http://www.who.int/influenza/gisrs\\_laboratory/updates/summaryreport/en/index.html](http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport/en/index.html)

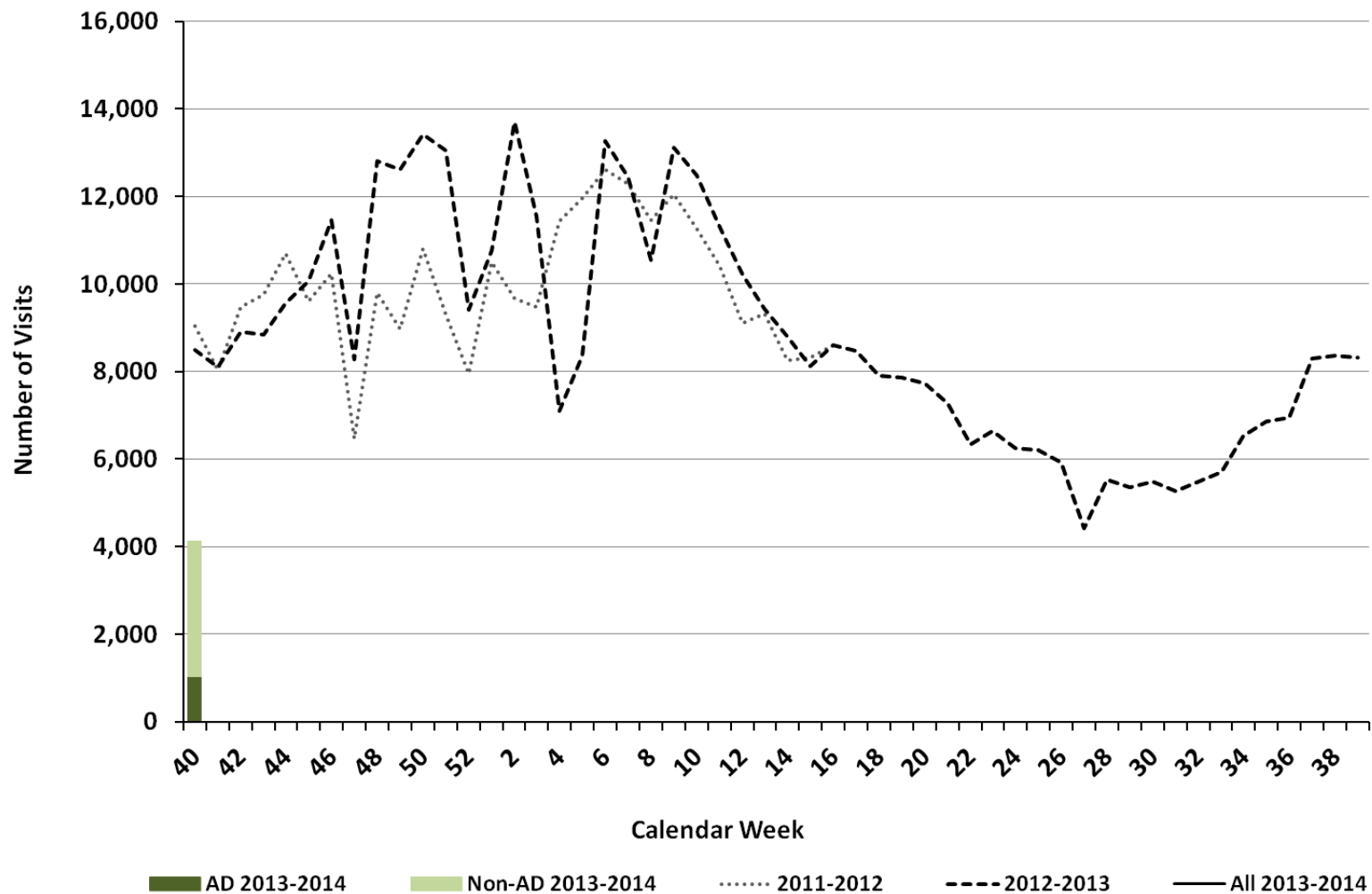
[http://www.who.int/influenza/surveillance\\_monitoring/updates/latest\\_update\\_GIP\\_surveillance/en/index.html](http://www.who.int/influenza/surveillance_monitoring/updates/latest_update_GIP_surveillance/en/index.html)

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons



## ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

*Army MTFs, All Services, 2010-2013*

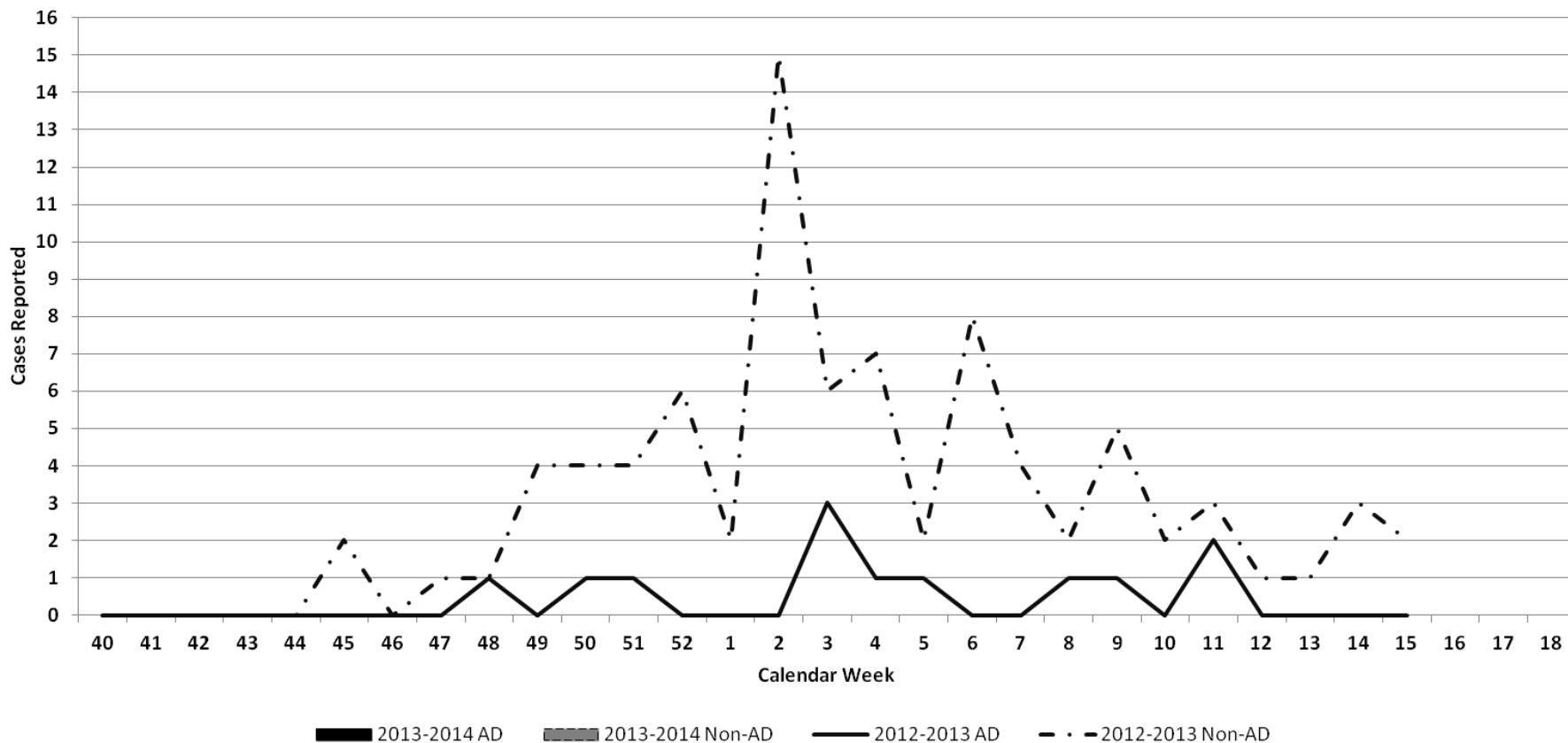


*Clinic visits for ILI are obtained from ESSENCE. Data as of 11 October 2013.*

## Army MTF Laboratory Results, 2013-14

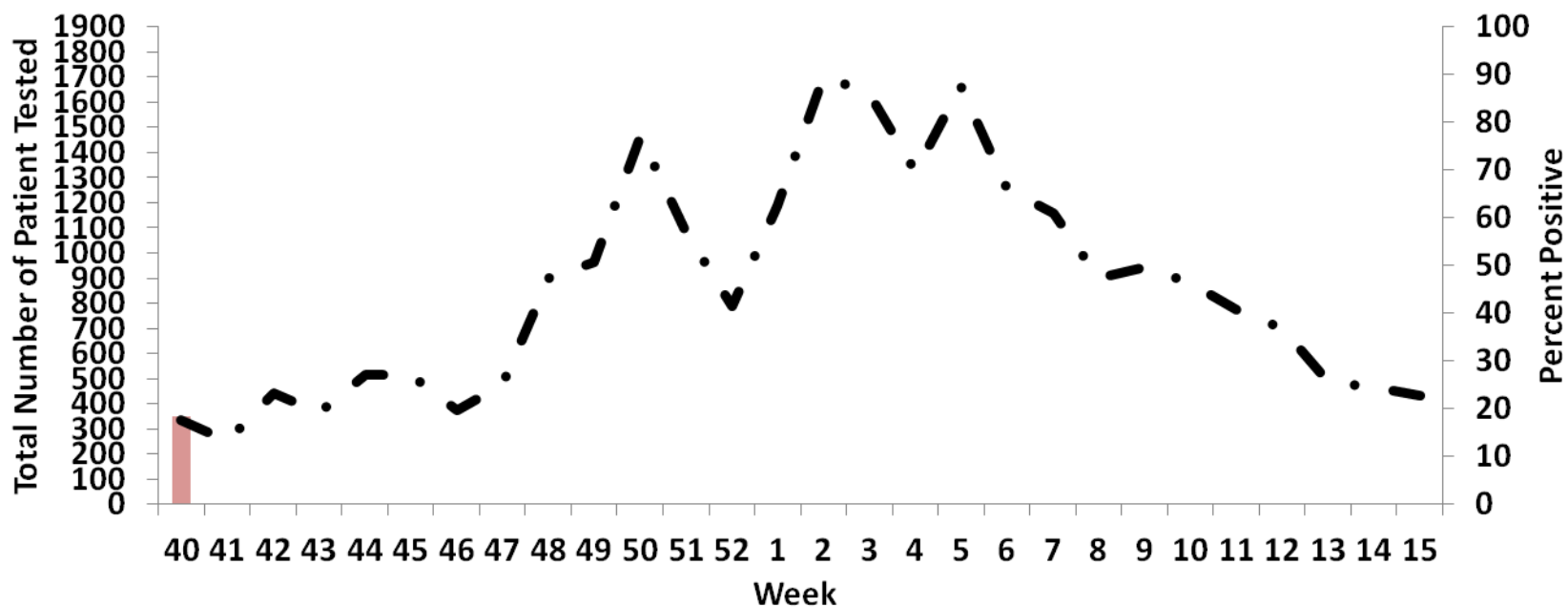
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Influenza B	1				1
Adenovirus	2				2
Enterovirus	0				0
Parainfluenza	6				6
RSV	9				9
<i>Negative</i>	366				366
<b>Total Results</b>	<b>392</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>392</b>

## Army Influenza Cases Reported in DRSi by Week of Symptom Onset



**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information  
Data as of 17 April 2013.

Proportion of Positive Influenza A Specimens for U.S. Army 2013-2014



## Positive Respiratory Specimen Results from Army MTFs by Virus, 2013-2014 Influenza Season

